

To: Way, Steven[way.steven@epa.gov]
From: Matt Francis
Sent: Wed 4/8/2015 6:14:10 PM
Subject: RE: Gold King Revised Estimates
Gold King 2015 Estimate - Total Project.xlsx

Here's what it looks like with the truck at 1.5 instead 3 and the ER generator removed. HW's generator is huge and will power their lighting, welders, fan, etc. I had my smaller generator in there in case we needed to run some electrical operations (injection pumps?) away from HW's generator. We can do that with a little gas generator if needed. Per diem is another place we're getting hit that could be cost shared. If HW wins at RnB we can also squeeze them on shared per diem as well.

I anticipate renting the pipe/hose. I remember seeing a large inventory of quick connect aluminum pipe in Wagner's yard last year. With the oil field pause I bet they have even more. I've asked our rep to provide an inventory and pricing guidelines for what they have. He's usually slow, so I don't expect it immediately but we'll get it.

From: Way, Steven [mailto:way.steven@epa.gov]
Sent: Wednesday, April 08, 2015 11:39 AM
To: Matt Francis
Subject: RE: Gold King Revised Estimates

Matt,

This is getting there and the revision / format on the HW helps. A couple things that I see that could be reduced / dropped:

1. The 3 pickups for the GK are likely to be the same for the R n B, i.e., ER crew are needed to support the R n B work, even after adit mucking / wtr treatment. Maybe 50/50 split. Again, this gets to the shared resource / savings with dual operations analysis.
2. HW has a generator on their equipment as do you have it for ER's. **CBI/Ex. 4**
Assume they have an **CBI/Ex. 4** or a fan and lights ?
3. The **CBI/Ex. 4** in miscellaneous hopefully is high too. Do we still have most of the filter bags

? The pipe requirements to get to the R n B might be significant if we have to buy. What about R f R aluminum or other lay-flat – have you priced any of their options.

Steven Way

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From: Matt Francis [<mailto:m.francis@erllc.com>]

Sent: Wednesday, April 08, 2015 10:39 AM

To: Way, Steven

Subject: Gold King Revised Estimates

Attached are two estimates. One is for total costs and the other is my revision of HW costs. The new HW costs are included in the total estimate, so these are separate and not to be added together.

To revise the HW estimate I put it on one of my spreadsheets. I left the total duration alone, but cut back equipment billing days to what is probably more realistic and stripped out costs for the loader and excavator. I didn't change hours for the crew, but did catch a HUGE bust in the rate for the regular miner. The two items that stick out to me now are the **CBI/Ex. 4** for miscellaneous stuff and **CBI/Ex. 4** for demobe. I can't recall what miscellaneous would be about for them other than steel for the gate, timbers, etc, - can't see **CBI/Ex. 4** They should be willing to drop demobe if I'm bringing in the heavy equip.

For the total estimate I shifted the excavator and loader to ER's side at typical monthly rates. We'll probably share those with RnB, so I left the move fees off, and only 1 mo duration. Those costs and how we distribute are hard to predict.

Let me know your thoughts and I'll work on the RnB estimate.

Matt Francis

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